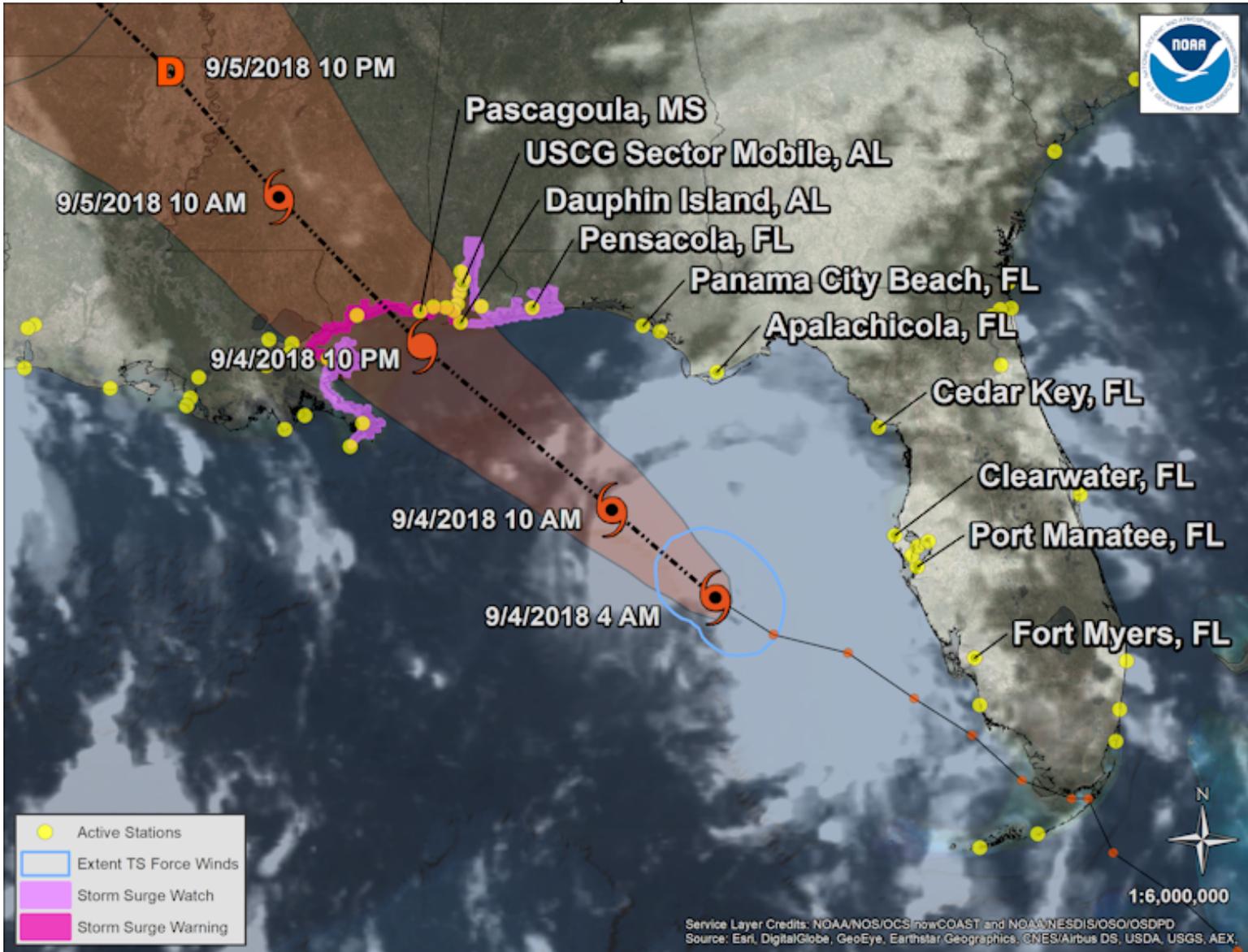




Tropical Storm Gordon QuickLook  
 Posted: 05:00 CDT 09/04/2018

NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 09/04/2018 05:00 CDT, water levels along the west coast of Florida range from 0.4 to 0.8 feet above tide predictions. Water levels along the Florida Panhandle and Alabama and Mississippi coasts, range from 0.6 ft to 1.1 feet above tide predictions. Winds remain breezy across the region. Barometric pressure is decreasing gradually across the northern Gulf coast.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please visit Coastal Inundation Dashboard. For additional data, please see the Center for Operational Oceanographic Products & Services website.

For more information or archived products and reports, please visit the Storm QuickLook Homepage.

Analyst: CRD

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Select National Hurricane Center Advisory Information: Tropical Storm Gordon Advisory Number 8  
NWS National Hurricane Center Miami FL  
400 AM CDT Tue Sep 04 2018

...GORDON CONTINUES HEADING FOR THE NORTHERN GULF COAST...  
...EXPECTED TO MAKE LANDFALL TONIGHT...

#### SUMMARY OF 400 AM CDT...INFORMATION

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LOCATION...27.7N 85.7W  
ABOUT 230 MI ESE OF THE MOUTH OF THE MISSISSIPPI RIVER  
MAXIMUM SUSTAINED WINDS...65 MPH  
PRESENT MOVEMENT...WNW OR 300 DEGREES AT 17 MPH  
MINIMUM CENTRAL PRESSURE...1004 MB

#### WATCHES AND WARNINGS

##### ----- CHANGES WITH THIS ADVISORY:

None

##### SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Storm Surge Warning is in effect for...

- \* Shell Beach to Dauphin Island

A Storm Surge Watch is in effect for...

- \* West of Shell Beach to the Mouth of the Mississippi River
- \* East of Dauphin Island to Navarre

A Hurricane Warning is in effect for...

- \* Mouth of the Pearl River to the Alabama-Florida Border

A Tropical Storm Warning is in effect for...

- \* West of the Mouth of the Pearl River to east of Morgan City, Louisiana, including Lake Pontchartrain and Lake Maurepas

\* Alabama-Florida Border to Okaloosa-Walton County Line

A Storm Surge Warning means there is a danger of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations. For a depiction of areas at risk, please see the National Weather Service Storm Surge Watch/Warning Graphic, available at hurricanes.gov. This is a life-threatening situation. Persons located within these areas should take all necessary actions to protect life and property from rising water and the potential for other dangerous conditions. Promptly follow evacuation and other instructions from local officials.

A Storm Surge Watch means there is a possibility of life-threatening inundation, from rising water moving inland from the coastline, in the indicated locations.

A Hurricane Warning means that hurricane conditions are expected somewhere within the warning area. Preparations to protect life and property should be rushed to completion.

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning areas.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

## DISCUSSION AND OUTLOOK

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At 400 AM CDT, the center of Tropical Storm Gordon was located near latitude 27.7 North, longitude 85.7 West. Gordon is moving toward the west-northwest near 17 mph. A west-northwestward to northward motion with some decrease in forward speed is expected over the next few days. On the forecast track, the center of Gordon will move across the eastern Gulf of Mexico today, and will approach the north-central Gulf Coast within the warning area late this afternoon or evening, and move inland over the lower Mississippi Valley tonight or early Wednesday.

Maximum sustained winds are near 65 mph with higher gusts. Strengthening is expected today, and Gordon is forecast to be a hurricane when it makes landfall along the north-central Gulf Coast. Rapid weakening is expected after Gordon moves inland.

Tropical-storm-force winds extend outward up to 60 miles from the center.

The estimated minimum central pressure is 1004 mb.

## HAZARDS AFFECTING LAND

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**STORM SURGE:** The combination of a dangerous storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters moving inland from the shoreline. The water could reach the following heights above ground somewhere in the indicated areas if the peak surge occurs at the time of high tide...

Shell Beach to Dauphin Island, Alabama...3 to 5 ft.

Navarre Florida to Dauphin Island, including Mobile Bay...2 to 4 ft.

Shell Beach to the Mouth of Mississippi River...2 to 4 ft.

Mouth of the Mississippi River to the Louisiana-Texas border...1 to 2 ft.

The deepest water will occur along the immediate coast near and to the east of the landfall location, where the surge will be accompanied by large waves. Surge-related flooding depends on the relative timing of the surge and the tidal

cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

**RAINFALL:** Gordon is expected to produce total rain accumulations of 4 to 8 inches over the western Florida Panhandle, southwest Alabama, southern and central Mississippi, southeastern and northeastern Louisiana, and southern Arkansas, with isolated maximum amounts of 12 inches through late Thursday. This rainfall will cause flash flooding across portions of these areas.

**WIND:** Tropical storm conditions are expected to begin this afternoon within portions of the warning area, with hurricane conditions expected by this evening in the hurricane warning area.

**TORNADOES:** A few tornadoes are possible this afternoon through tonight near the coasts of Mississippi, Alabama, and the Florida Panhandle.

#### NEXT ADVISORY

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Next intermediate advisory at 700 AM CDT.

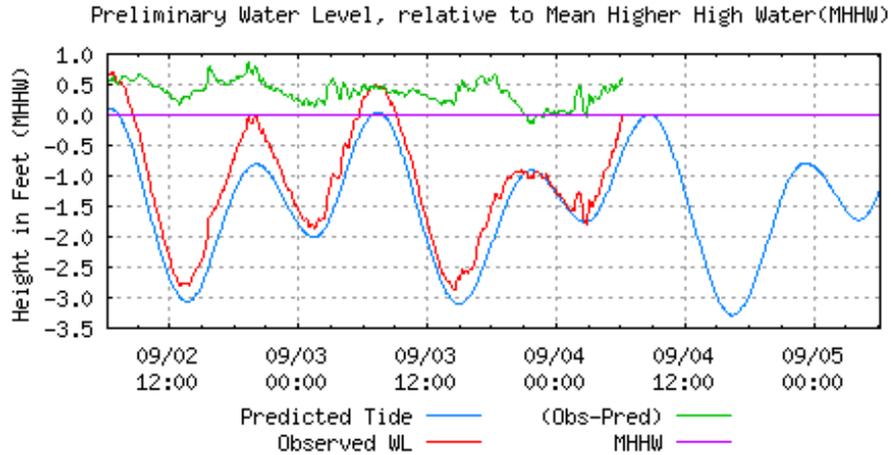
Next complete advisory at 1000 AM CDT.

Forecaster Pasch

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

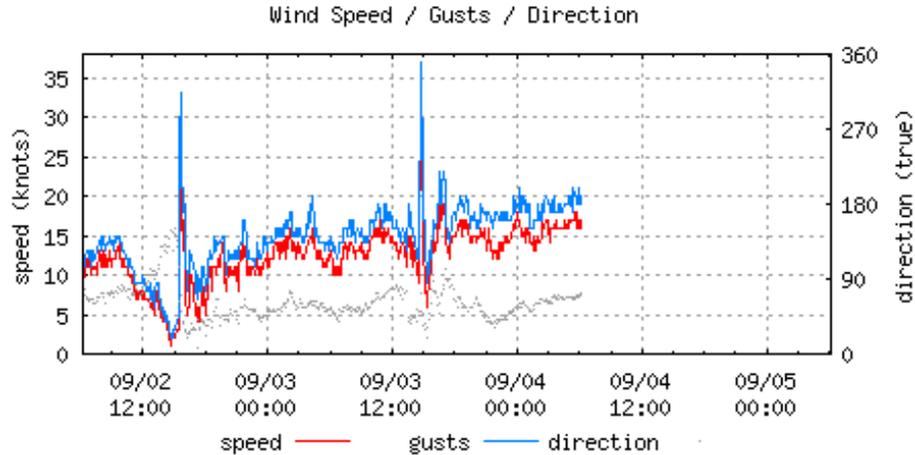
Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City Beach - Water Level](#), [Panama City Beach - Winds](#), [Panama City Beach - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Dauphin Island - Water Level](#), [Dauphin Island - Winds](#), [Coast Guard Sector Mobile - Water Level](#), [Coast Guard Sector Mobile - Winds](#), [Coast Guard Sector Mobile - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Fort Myers, Caloosahatchee River - Water Level](#), [Fort Myers, Caloosahatchee River - Winds](#), [Fort Myers, Caloosahatchee River - Barometric](#), [Port Manatee - Water Level](#), [Port Manatee - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#)

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/04/2018 06:12 (EDT). Data relative to MHHW  
**Observed: -0.03 ft. Predicted: -0.62 ft. Residual: 0.59 ft.**  
 Historical Maximum Water Level: Sep 2 2016, 5.98 ft.  
 Next High Tide: 09/04/2018 08:40 (EDT), 0.00 ft.

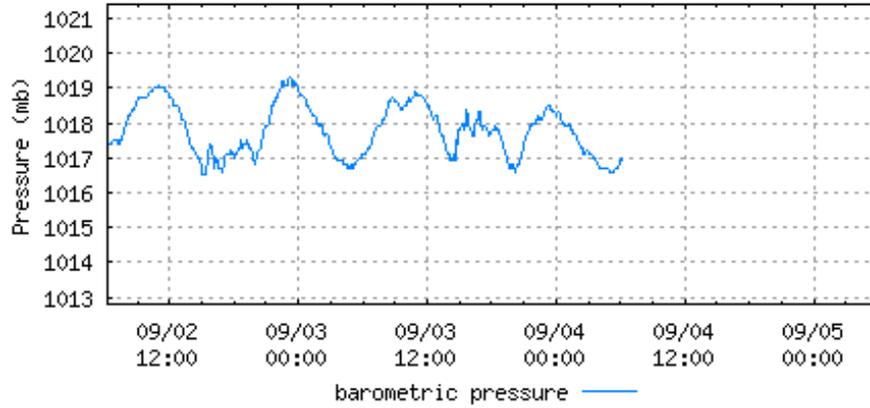
NOAA/NOS/CO-OPS 8727520 Cedar Key, FL



Last Observed Sample: 09/04/2018 06:12 (EDT)  
**Wind Speed: 16 knots Gusts: 19 knots Direction: 73° T**

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Barometric Pressure

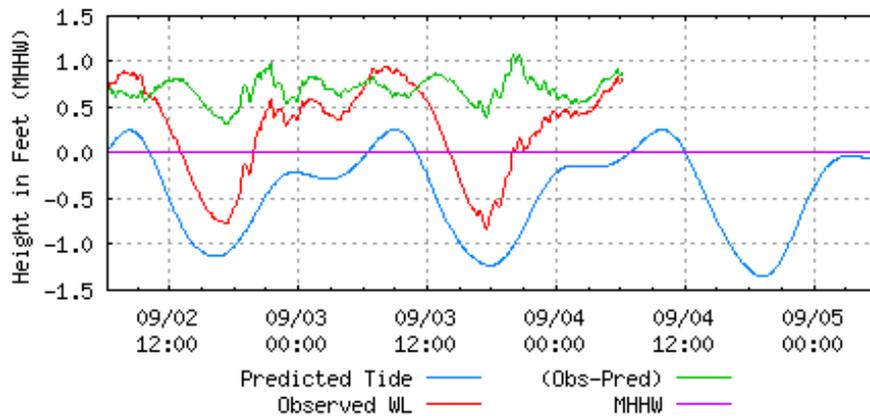


Last Observed Sample: 09/04/2018 06:12 (EDT)

Barometric Pressure: 1017.0 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



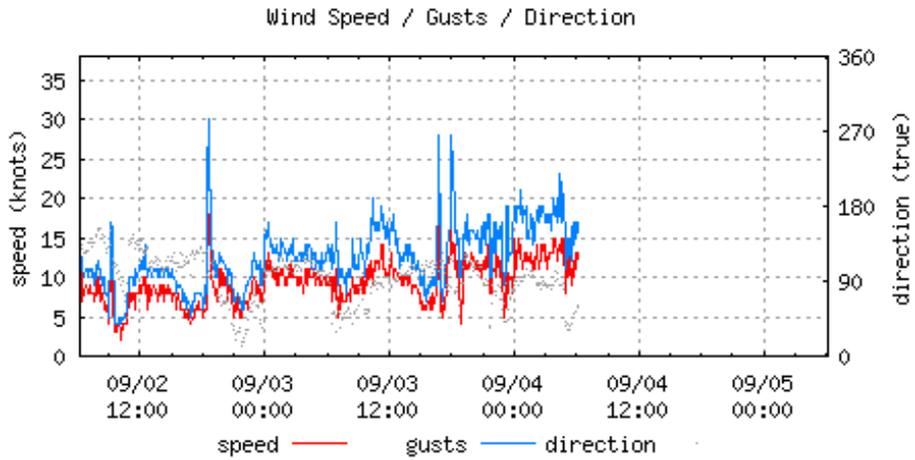
Last Observed Sample: 09/04/2018 06:12 (EDT). Data relative to MHHW

Observed: 0.82 ft. Predicted: -0.05 ft. Residual: 0.87 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 09/04/2018 09:53 (EDT), 0.25 ft.

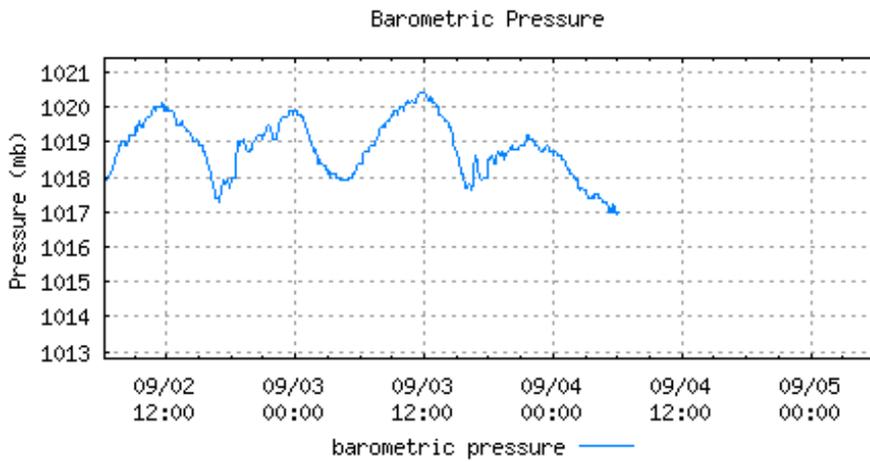
NOAA/NOS/CO-OPS 8728690 Apalachicola, FL



Last Observed Sample: 09/04/2018 06:12 (EDT)

Wind Speed: 13 knots Gusts: 17 knots Direction: 60° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL

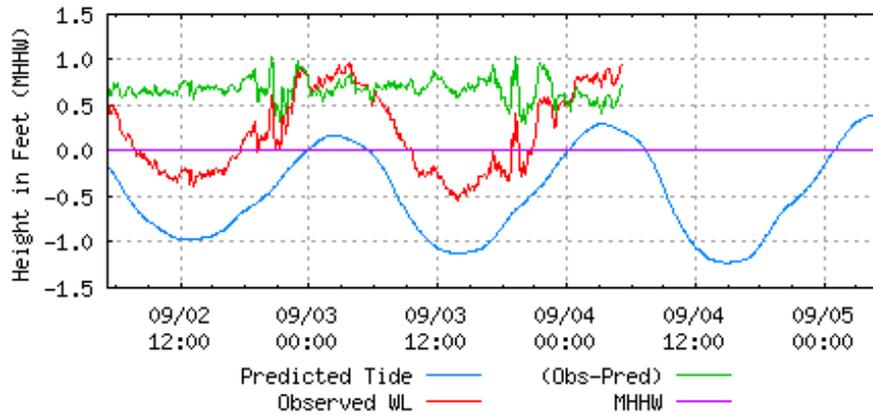


Last Observed Sample: 09/04/2018 06:12 (EDT)

Barometric Pressure: 1017.0 mb

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 05:12 (CDT). Data relative to MHHW

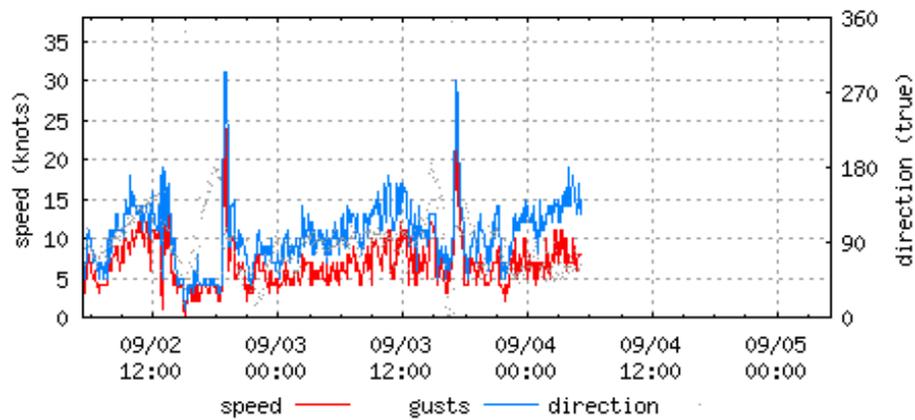
Observed: 0.87 ft. Predicted: 0.22 ft. Residual: 0.65 ft.

Historical Maximum Water Level: Oct 4 1995, 6.84 ft.

Next High Tide: 09/05/2018 04:20 (CDT), 0.38 ft.

NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL

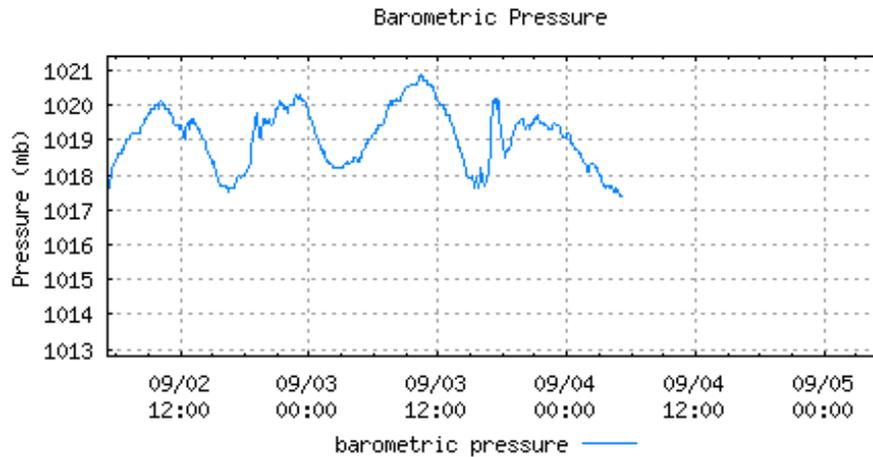
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 05:12 (CDT)

Wind Speed: 7 knots Gusts: 14 knots Direction: 60° T

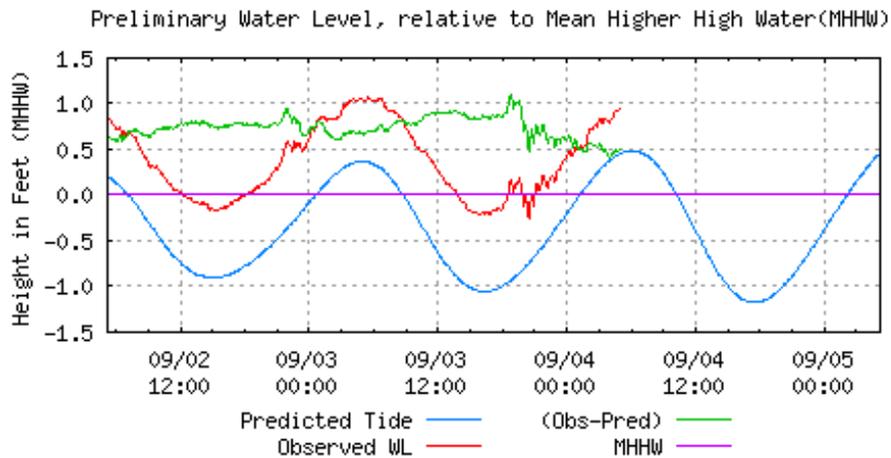
NOAA/NOS/CO-OPS 8729210 Panama City Beach, FL



Last Observed Sample: 09/04/2018 05:12 (CDT)

Barometric Pressure: 1017.4 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL



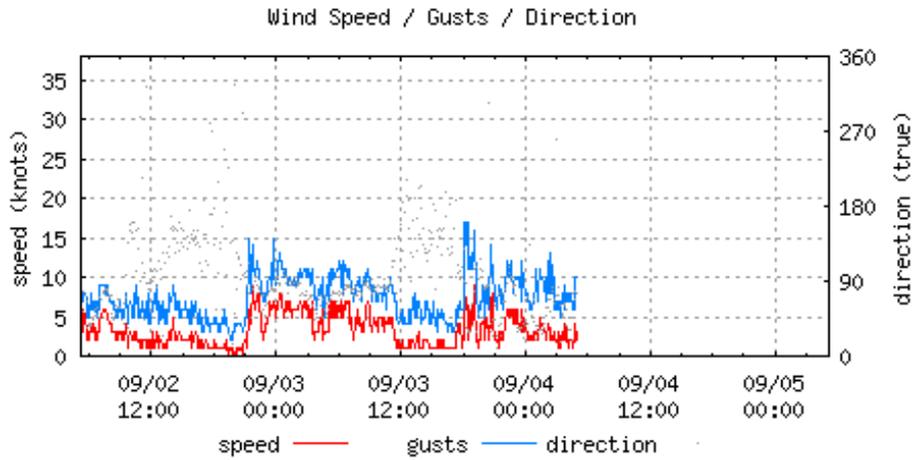
Last Observed Sample: 09/04/2018 05:06 (CDT). Data relative to MHHW

Observed: 1.01 ft. Predicted: 0.46 ft. Residual: 0.55 ft.

Historical Maximum Water Level: Sep 16 2004, 9.54 ft.

Next High Tide: 09/04/2018 06:04 (CDT), 0.49 ft.

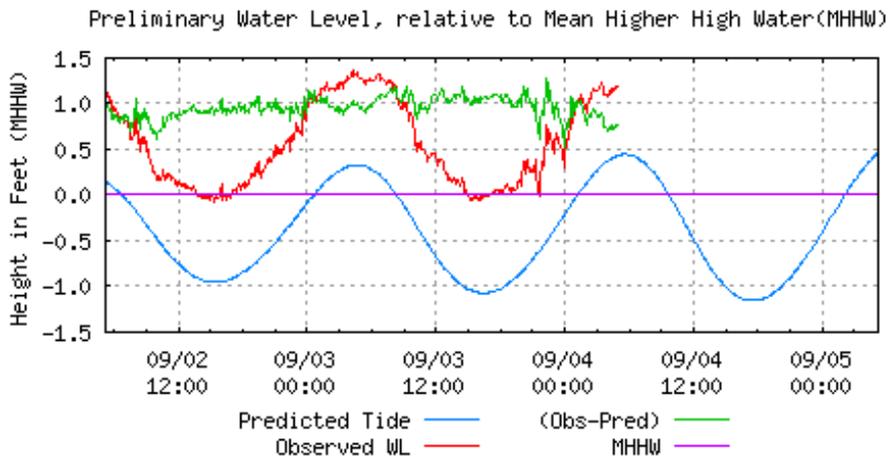
NOAA/NOS/CO-OPS 8729840 Pensacola, FL



Last Observed Sample: 09/04/2018 05:06 (CDT)

Wind Speed: 2 knots Gusts: 6 knots Direction: 60° T

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



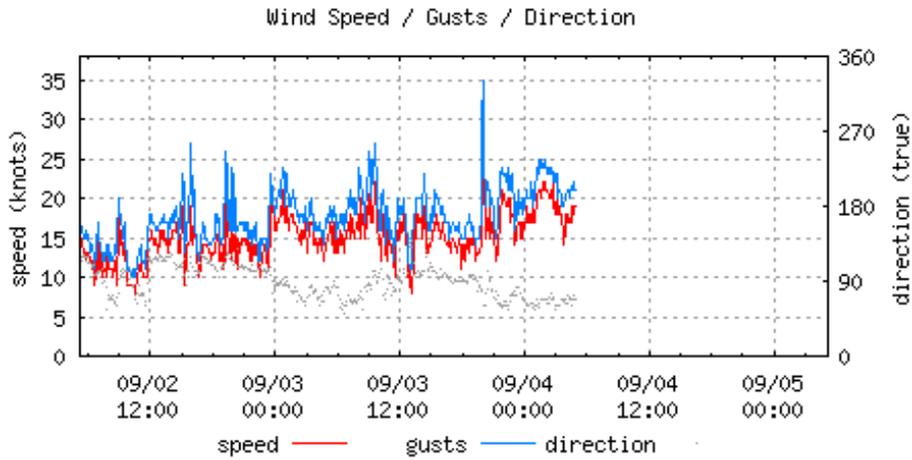
Last Observed Sample: 09/04/2018 05:06 (CDT). Data relative to MHHW

Observed: 1.21 ft. Predicted: 0.44 ft. Residual: 0.77 ft.

Historical Maximum Water Level: Sep 12 1979, 7.96 ft.

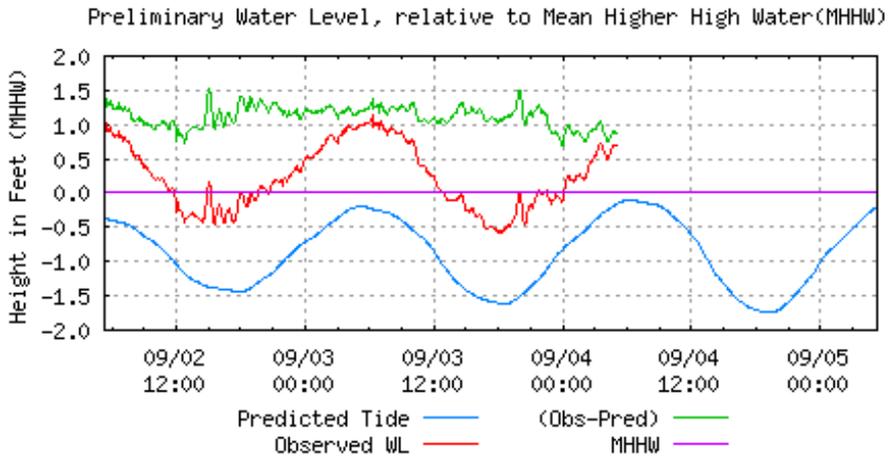
Next High Tide: 09/04/2018 05:37 (CDT), 0.44 ft.

NOAA/NOS/CO-OPS 8735180 Dauphin Island, AL



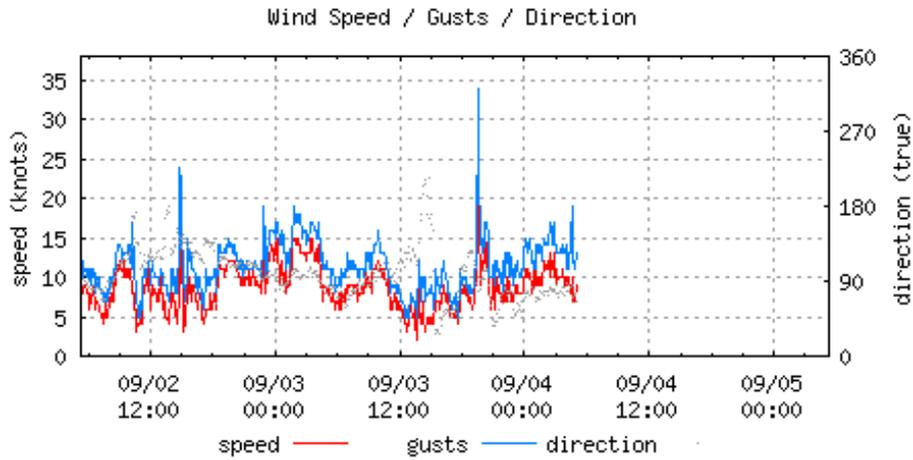
Last Observed Sample: 09/04/2018 05:06 (CDT)  
 Wind Speed: 19 knots Gusts: 22 knots Direction: 70° T

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 09/04/2018 05:00 (CDT). Data relative to MHHW  
 Observed: 0.70 ft. Predicted: -0.17 ft. Residual: 0.87 ft.  
 Historical Maximum Water Level: Oct 8 2017, 5.38 ft.  
 Next High Tide: 09/04/2018 06:14 (CDT), -0.11 ft.

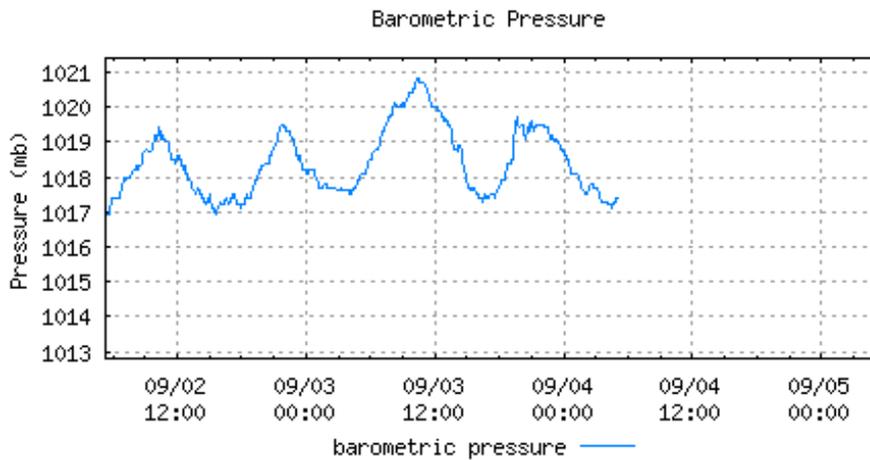
NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL



Last Observed Sample: 09/04/2018 05:00 (CDT)

Wind Speed: 9 knots Gusts: 13 knots Direction: 65° T

NOAA/NOS/CO-OPS 8736897 Coast Guard Sector Mobile, AL

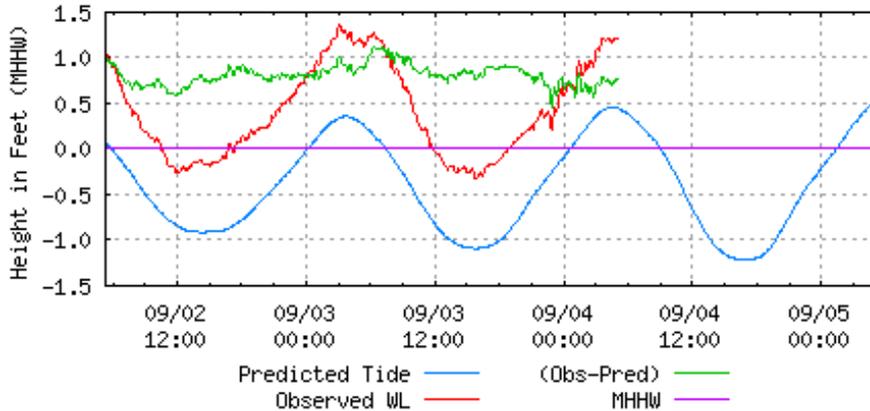


Last Observed Sample: 09/04/2018 05:00 (CDT)

Barometric Pressure: 1017.4 mb

NOAA/NOS/CO-OPS 8741533 Pascagoula NOAA Lab, MS

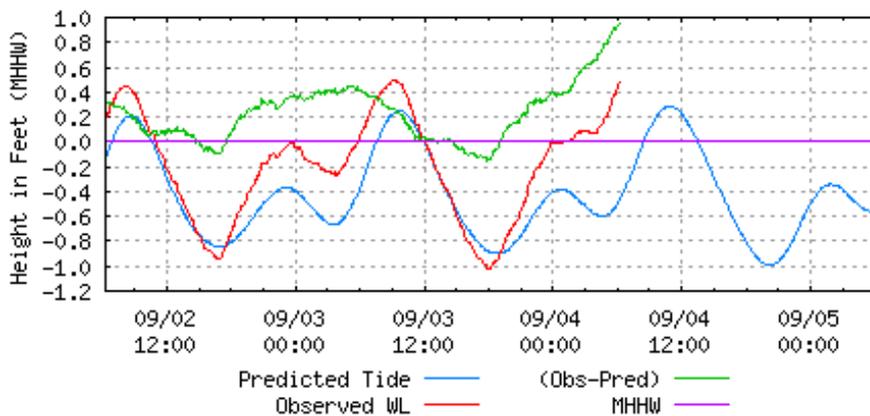
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 05:06 (CDT). Data relative to MHHW  
**Observed: 1.21 ft. Predicted: 0.45 ft. Residual: 0.76 ft.**  
 Historical Maximum Water Level: Oct 8 2017, 6.20 ft.  
 Next High Tide: 09/05/2018 05:32 (CDT), 0.51 ft.

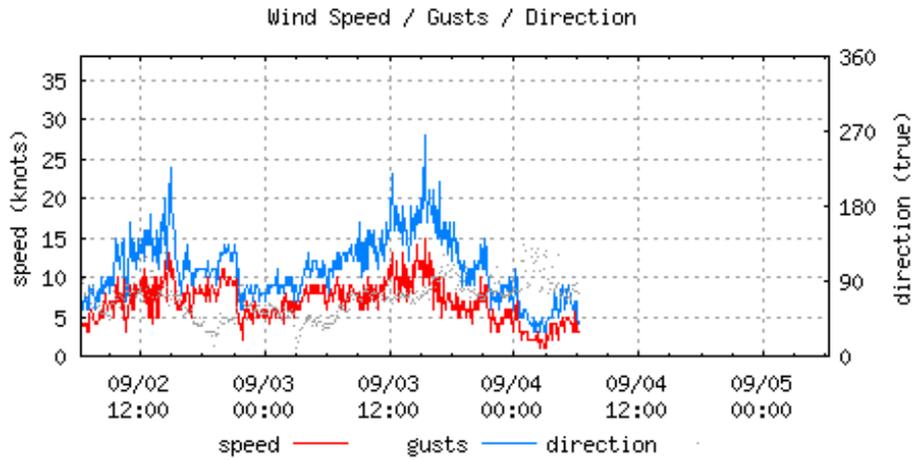
NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL

Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 09/04/2018 06:12 (EDT). Data relative to MHHW  
**Observed: 0.48 ft. Predicted: -0.47 ft. Residual: 0.95 ft.**  
 Historical Maximum Water Level: Nov 23 1988, 3.41 ft.  
 Next High Tide: 09/04/2018 10:52 (EDT), 0.29 ft.

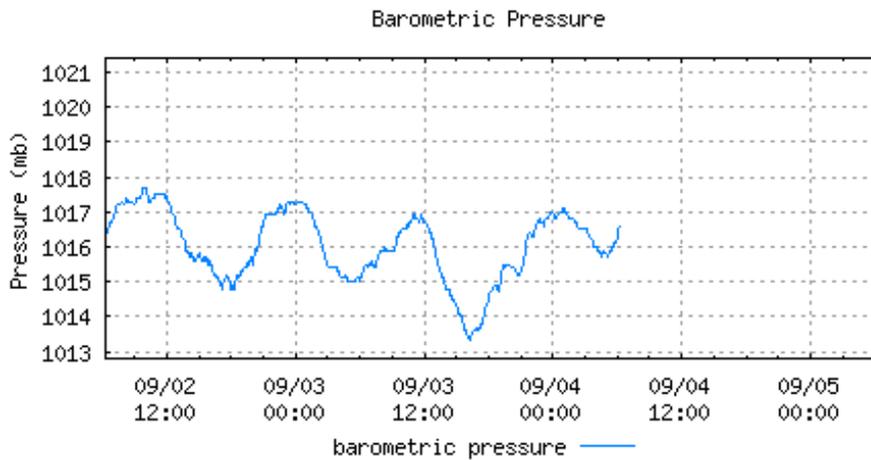
NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



Last Observed Sample: 09/04/2018 06:12 (EDT)

Wind Speed: 3 knots Gusts: 4 knots Direction: 76° T

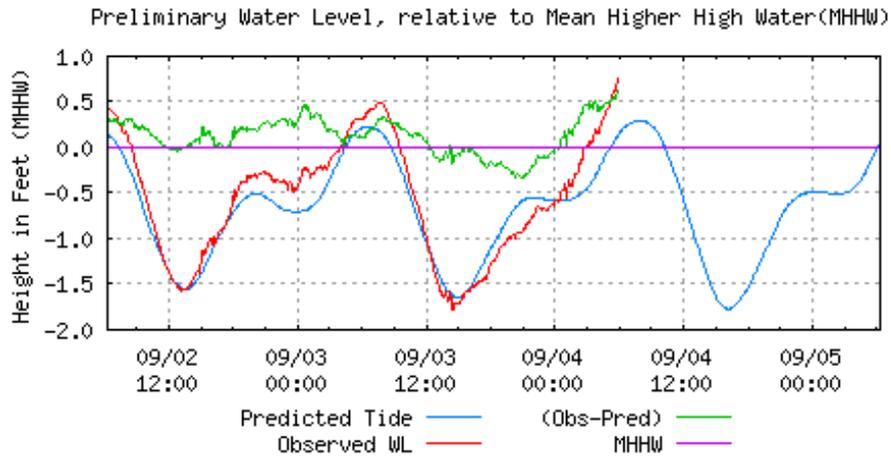
NOAA/NOS/CO-OPS 8725520 Fort Myers, Caloosahatchee River, FL



Last Observed Sample: 09/04/2018 06:12 (EDT)

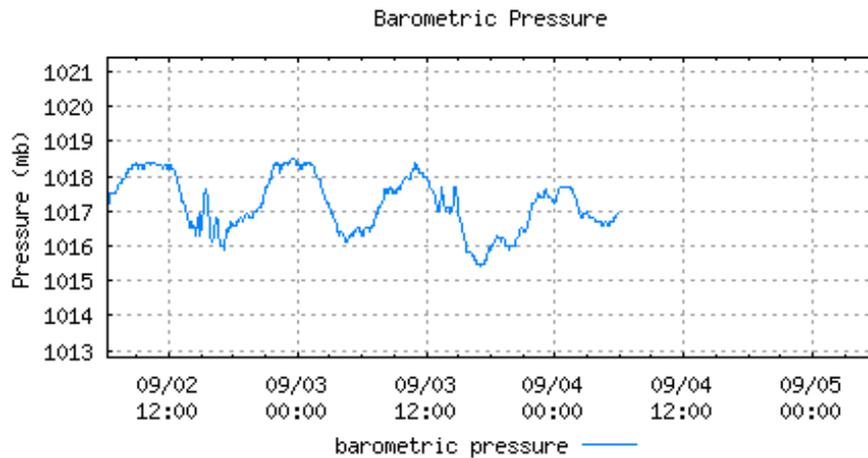
Barometric Pressure: 1016.6 mb

NOAA/NOS/CO-OPS 8726384 Port Manatee, FL



Last Observed Sample: 09/04/2018 05:54 (EDT). Data relative to MHHW  
**Observed: 0.76 ft. Predicted: 0.14 ft. Residual: 0.62 ft.**  
 Historical Maximum Water Level: Sep 2 2016, 2.34 ft.  
 Next High Tide: 09/04/2018 07:57 (EDT), 0.29 ft.

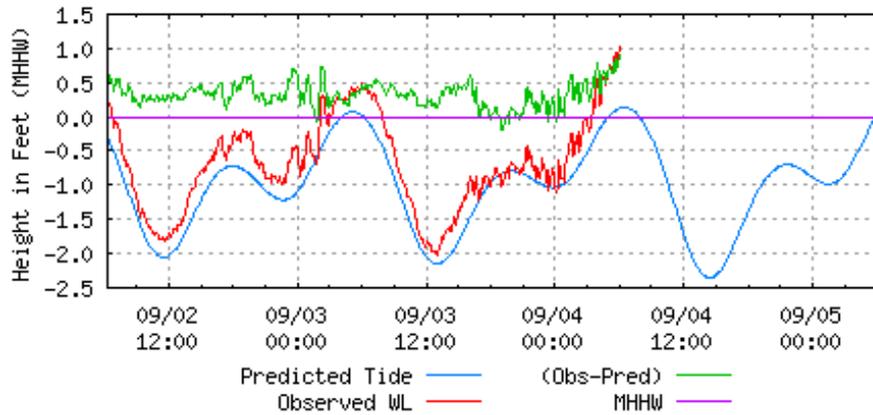
NOAA/NOS/CO-OPS 8726384 Port Manatee, FL



Last Observed Sample: 09/04/2018 05:54 (EDT)  
**Barometric Pressure: 1016.9 mb**

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

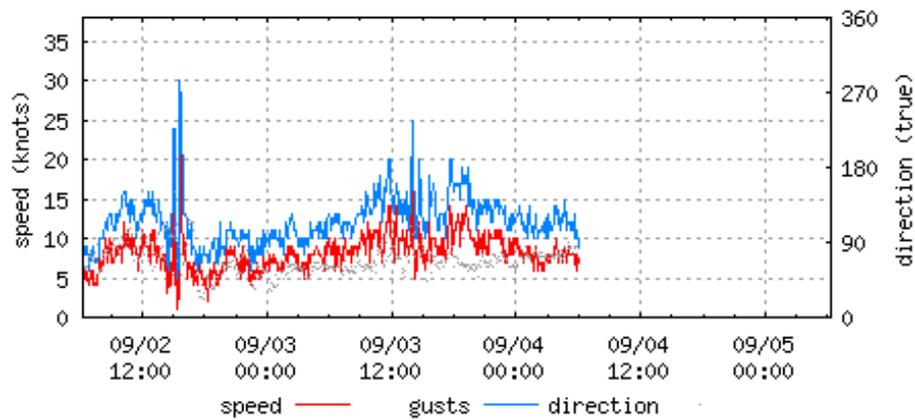
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/04/2018 06:06 (EDT). Data relative to MHHW  
**Observed: 1.03 ft. Predicted: 0.13 ft. Residual: 0.90 ft.**  
 Historical Maximum Water Level: Mar 13 1993, 4.00 ft.  
 Next High Tide: 09/04/2018 06:27 (EDT), 0.14 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

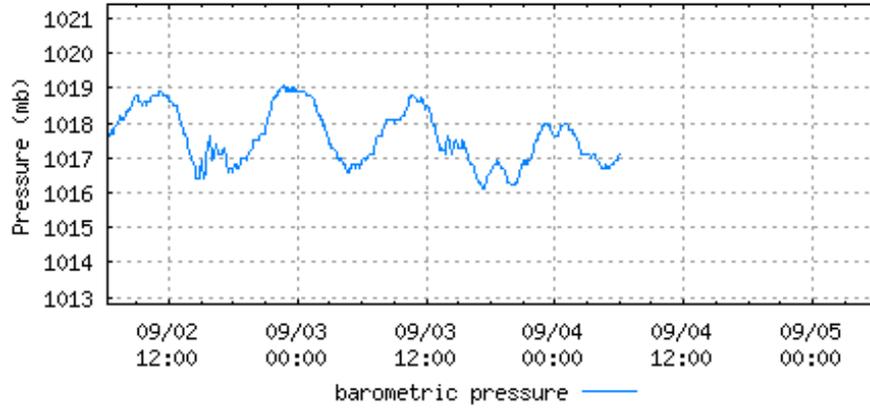
Wind Speed / Gusts / Direction



Last Observed Sample: 09/04/2018 06:06 (EDT)  
**Wind Speed: 7 knots Gusts: 9 knots Direction: 83° T**

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Barometric Pressure



Last Observed Sample: 09/04/2018 06:06 (EDT)

Barometric Pressure: 1017.1 mb

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8727520	Cedar Key, FL	09/04/2018 06:12 (EDT)	-0.03 ft	-0.62 ft	0.59 ft	0.49 ft
8728690	Apalachicola, FL	09/04/2018 06:12 (EDT)	0.82 ft	-0.05 ft	0.87 ft	0.95 ft
8729210	Panama City Beach, FL	09/04/2018 05:12 (CDT)	0.87 ft	0.22 ft	0.65 ft	0.95 ft
8729840	Pensacola, FL	09/04/2018 05:06 (CDT)	1.01 ft	0.46 ft	0.55 ft	1.07 ft
8735180	Dauphin Island, AL	09/04/2018 05:06 (CDT)	1.21 ft	0.44 ft	0.77 ft	1.32 ft
8736897	Coast Guard Sector Mobile, AL	09/04/2018 05:00 (CDT)	0.70 ft	-0.17 ft	0.87 ft	1.15 ft
8741533	Pascagoula NOAA Lab, MS	09/04/2018 05:06 (CDT)	1.21 ft	0.45 ft	0.76 ft	1.28 ft
8725520	Fort Myers, Caloosahatchee River, FL	09/04/2018 06:12 (EDT)	0.48 ft	-0.47 ft	0.95 ft	0.49 ft
8726384	Port Manatee, FL	09/04/2018 05:54 (EDT)	0.76 ft	0.14 ft	0.62 ft	0.76 ft
8726724	Clearwater Beach, FL	09/04/2018 06:06 (EDT)	1.03 ft	0.13 ft	0.90 ft	1.03 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
 National Oceanic and Atmospheric Administration | U.S. Department of Commerce